

## ABSTRACT OF THE INVENTION

Ink-receptive substrates comprise a base layer formed from  
5 a water-insoluble thermoplastic polymer, and an ink-receptive  
layer disposed over the base layer. The ink-receptive layer is  
formed from a melt-processable blend of a water-soluble polymer  
and a substantially water-insoluble polymer, and provides an  
inherently ink-receptive surface without further surface  
10 treatment. The ink-receptive blend comprises in the range of  
from 20 to 80 percent by weight water-soluble polymer, and in  
the range of from 20 to 80 percent by weight substantially  
water-insoluble polymer based on the total weight of the blend.  
The blend has a melting temperature in the range of from about  
15 100 to 600°F. Preferred water-soluble polymers include polyvinyl  
alcohols and polyalkyl oxazolines. Preferred ink-receptive  
substrates of this invention comprise a base layer and ink-  
receptive layer that are formed simultaneously by coextrusion  
process. Ink-receptive substrates of this invention can include  
20 the ink-receptive layer on one or both surfaces of the base  
layer, and/or can be constructed in the form of a pressure-  
sensitive adhesive label, i.e., with a pressure-sensitive  
adhesive material disposed on a surface of the base layer  
opposite the ink-receptive layer.

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